

## Patent Abstracts of Japan

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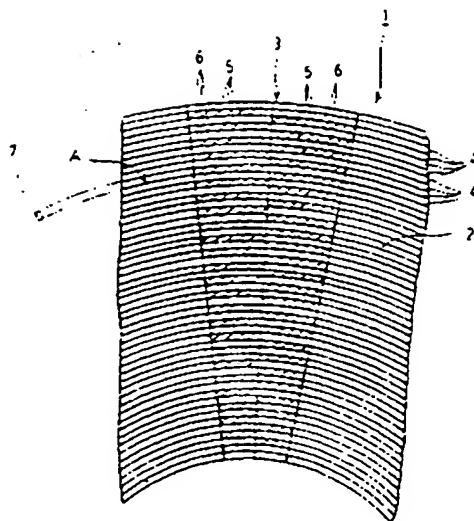
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APPLICANT : MITSUMI ELECTRIC CO LTD;

INVENTOR : GAYA HIROKI;

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TITLE : METHOD FOR PREPARING SERVO  
PATTERN IN FIXED MAGNETIC DISK  
STORAGE DEVICE



ABSTRACT : PURPOSE: To improve the mass productivity of a servo pattern preparation by setting a sector for a track servo signal on the recording surface of a hard disk, and preparing the servo pattern in making an optional point into a non- magnetic part with a magnetizing work dissipating means.

CONSTITUTION: A servo pattern 3 is prepared on a recording surface 2 by, for example, executing a laser work, and removing the magnetic substance of the part or by changing the composition of the part with a chemical processing to obtain a non-magnetized part to the optional part of the recording surface 2 of a hard disk 1 to be attached to a fixed magnetic disk storage device. The servo pattern 3 is divided into two at front and rear sides in a rotating direction, and non-magnetic parts 5,5... and magnetic parts 6,6... are formed in corresponding to the track width and number of cylinders 4,4.... Consequently, the servo pattern 3 is read by a data head 7, the position of the data head 7 is controlled with the read output, and it can be positioned on a pre scribed track.

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